

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL  
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

# LISTING SERVICE

**LISTING No.** 7259-0061:109 Page 1 of 1

**CATEGORY:** Air Sampling Smoke Detector

**LISTEE:** Chemetron Fire Systems, 4801 Southwick Drive, 3<sup>rd</sup> Floor, Matteson, IL 60443  
Contact: Gary Kimble (708) 283-4447 FAX (708) 283-6500

**DESIGN:** Model CLASS HIGH SENSITIVITY SMOKE DETECTION SYSTEM (HSSD). The detectors are designed for medium size applications with a 20,000 square foot maximum coverage and contains a single inlet and outlet port. The maximum volume of air passing through the detector is only limited by the amount of sampling pipe and holes allowed in the piping network and the speed of the fan. Refer to listee's data sheet for additional detailed system description and operational considerations. Components listed below:

70101109	Detector Assembly
70101110	LCD Display
70101111	Power Supply

**RATING:** Power Supply UNIT: 120/240VAC Primary, 24 VDC Secondary  
CLASS: 24VDC

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction. The sampling points should be installed at a location where they will receive the products of combustion produced by a fire anywhere in the protected area. Consideration should be given to such features as normal ventilation and air conditioning that would affect the sensitivity.

**MARKING:** Listee's name, model number, electrical rating, and UL label.

**APPROVAL:** Listed as an air sampling smoke detector system for use with separately listed compatible control unit. Also suitable for open area protection with a maximum air transport time of no more than 180 seconds. Authority having jurisdiction should be consulted prior to installation. Refer to listee's Installation Instruction Manual for details.

**XLF:** 7259-1076:168

05-28-03KK



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JULY 17, 2003**

*Listing Expires **June 30, 2004***

Authorized By: **DIANE K. AREND, Senior Deputy  
Program Manager**